

LENGTH AND SPACING TABLE					
APPROACH SPEED*	MINIMUM TAPER LENGTH**	LENGTH OF BUFFER SPACE	CHANNELIZING DEVICE		
			TAPER AREA	BUFFER SPACE	WORK SPACE
MPH	FEET	FEET	SPACING IN FEET		
25	Shoulder taper formula: $L = \frac{WS^2}{120}$ for $S \leq 40$ MPH $L = \frac{WS}{2}$ for $S \geq 45$ MPH Where: L = Minimum length of taper W = Width of offset in feet S = Numerical value of posted speed limit or 85 percentile speed prior to work in miles per hour	155	25	50	50
30		200	30	60	60
35		250	35	70	70
40		305	40	80	80
45		360	45	90	90
50		425	50	100	100
55		495	55	110	110

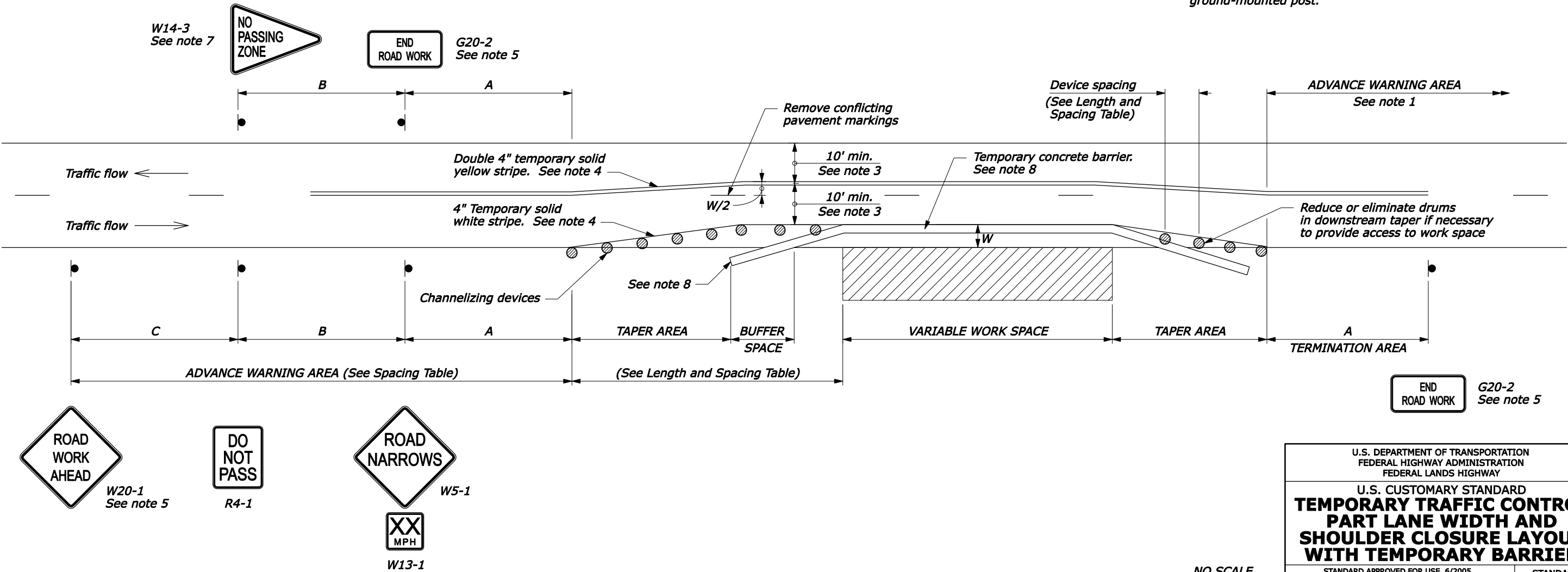
* Approach speed based on the regulatory posted speed, not the advisory speed.

** Lengthen taper as needed to provide minimum of three channelizing devices in taper at required spacing.

SIGN SPACING TABLE			
ROAD TYPE	DISTANCE BETWEEN SIGNS IN FEET		
	A	B	C
Urban 40 MPH and less	100	100	100
Urban 45 MPH and greater	350	350	350
Rural	500	500	500
Expressway/Freeway	1000	1500	2640

NOTE:

- Signs are shown for one direction of travel only. Place devices similar to those depicted for the opposite direction of travel.
- Final location and spacing of signs and devices may be changed to fit field conditions as approved by the CO.
- Refer to Special Contract Requirements, Section 156, for minimum width.
- If the roadway surface is paved, install temporary pavement markings. If nearest no-passing zone is within 400', extend markings to connect zones.
- If closure is completely within the project limits, eliminate the "ROAD WORK AHEAD" (W20-1) and "END ROAD WORK" (G20-2) signs.
- Install "PASS WITH CARE" sign (R4-2) at ends of no-passing zone if directed by the CO.
- Omit the W14-3 sign if already within a no-passing zone.
- Place the barrier according to the Roadside Design Guide by the American Association of State Highway and Transportation Officials (AASHTO). Terminate barrier ends outside the clear zone or protect the ends of the barrier with a crash cushion.
- Do not allow equipment, materials, or vehicles to be parked or stored in the buffer space.
- If signs will be in place more than 72 consecutive hours, use ground-mounted post.



NO SCALE